

In the Claims:

1.(Original) A fuel oil characterized in that said fuel oil contains substantially no granules greater than 10 nm.

2.(Original) A fuel oil according to claim 1, characterized in that said fuel oil contains substantially no granules greater than 5 nm.

3.(Original) A fuel oil according to claim 2, characterized in that said fuel oil contains substantially no granules greater than 3 nm.

4.(Amended) A fuel oil according to [any of claims 1-3] claim 1, characterized in that said fuel oil is gasoline.

5.(Amended) A fuel oil according to [any of claims 1-3] claim 1, characterized in that said fuel oil is diesel oil.

6.(Amended) A fuel oil according to [any of claims 1-3] claim 1, characterized in that said fuel oil is kerosene.

7.(Amended) A fuel oil according to [any of claims 1-3] claim 1, characterized in that said fuel oil is heavy oil.

8.(Amended) A fuel oil according to [any of claims 1-3] claim 1, characterized in that said fuel oil is bio-diesel.

9.(Amended) A method for preparing a fuel oil of [any of claims 1-8] claim 1, comprising a step of passing a conventional fluid fuel oil with big clusters of molecules through a magnetic field having a air gap magnetic field intensity of at least 8000 Gauss and a magnetic field gradient of at least 1.5 tesla/cm in a direction intersecting with the magnetic force lines.

10.(Original) A method according to claim 9, characterized in that said magnetic field has a air gap magnetic field intensity of at least 10,000 Gauss and a magnetic field gradient at least 1.8 tesla/cm.

11.(Amended) A method according to [claims 9 or 10] claim 9, characterized in that said magnetic field is formed by two N poles or two S poles of two permanent magnets with a magnetic intensity greater than 5000 Gauss and an intrinsic coersivity greater than 18000 Oersted, the same poles of the two permanent magnets being placed opposite to each other, leaving a gap of less than 0.5mm.

12.(Amended) A method according to claim 9[or claim 10], characterized in that said magnetic field is an alternating current magnetic field.